

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 5364 **TITLE:** SENIOR ENGINEERING INSPECTOR **GRADE:** S-21

DEFINITION

Under general supervision, performs a variety of difficult and specialized public utilities inspections involving the exercise of independent judgment and initiative; provides technical advisory services to lower-level inspectors and the general public; and performs related work as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

The Senior Engineering Inspector differs from the Assistant Supervisory Engineering Inspector in that the Senior Engineering Inspector performs difficult and specialized public utilities inspections, whereas the Assistant Supervisory Engineering Inspector serves as lead worker, assigning and reviewing the work of a group of engineering inspectors.

The Senior Engineering Inspector differs from the Engineering Inspector in that the Senior Engineering Inspector performs a variety of difficult and specialized public utilities inspections, and provides technical advisory services to lower-level inspectors, whereas the Engineering Inspector performs standardized field inspections of average difficulty and provides routine field assistance to higher-level inspectors.

ILLUSTRATIVE DUTIES

Reviews plans, specifications and sites for construction projects;
Inspects underground drains, metal and concrete pipe drains, culverts, sanitary sewer lines, manholes, catch basins, and water lines;
Inspects pumping stations under construction;
Inspects street and road construction including subgrading, placing of materials and rock, oiling and placing of final surfaces;
Investigates complaints;
Makes check by measurement to see that necessary lines, grades and elevations are followed and that structures are of proper dimensions;
Measures and computes items such as rock, sheeting and pavement restoration when work is under County contract;
Conducts final inspections and gives approval after corrections are made;
Completes daily progress and approval reports, and keeps a construction diary;
May assign and review work of engineering inspectors, conduct field inspections, and advise inspectors on difficult problems.

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REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of the materials and methods used in paving streets and in laying sewer pipe;
Knowledge of cement, asphalt, concrete, and brick laying methods;
Knowledge of surveying;
Ability to read and interpret blueprints and specifications;
Ability to keep records and make drawings and reports;
Ability to communicate clearly and concisely, orally and in writing;
Ability to develop and maintain effective working relationships with subordinates, co-workers, County officials, public and private sector organizations, customers, and the general public.

EMPLOYMENT STANDARDS:

Any combination of education, experience, and training equivalent to the following:
Graduation from high school; PLUS
Three years of construction experience, preferably in the inspection field.

CERTIFICATES AND LICENSES REQUIRED:

Not applicable.

NECESSARY SPECIAL REQUIREMENTS:

Possession of a valid Virginia Erosion and Sediment Control Inspector Certification or the ability to obtain same within two years of appointment date is required for certain positions as identified to the Department of Human Resources.

REVISED: July 23, 2002
REVISED: September 26, 1988